

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A method for navigating user interface elements, the method comprising:

grouping user interface elements of a user interface of a computer program application into groups based on a hierarchical arrangement of the user interface elements, the hierarchical arrangement allowing for sibling groups and parent groups;

detecting a user navigation input comprising a sibling navigation input or a parent navigation input, the sibling navigation input comprising a key press of a first alphanumeric character, the first alphanumeric character constituting a first group identifier, and the parent navigation input comprising a key press of a second alphanumeric character, the second alphanumeric character constituting a second group identifier;

if the detected navigation input is the sibling navigation input, shifting input focus to a next sibling group in the hierarchy; and

if the detected navigation input is the parent navigation input, shifting input focus to a parent group in the hierarchy.

2. (Previously Presented) The method of claim 1, further comprising:

creating one or more hierarchical tab chains to contain all user interface elements currently displayed by the application,

wherein a node in a tab chain hierarchy is a container comprising one or more user interface elements and the container comprises a tab chain that contains all the user interface elements in the container.

3. (Previously Presented) The method of claim 2, wherein:

creating a new view creates a view container with a hierarchical tab chain that contains all the user interface elements for the new view; and

the hierarchical tab chain for the new view is added to the existing tab chain by adding a new node for the new view container in the existing hierarchical tab chain.

4. (Currently Amended) A computer-implemented method for navigating editable cells of a table, the method comprising:

detecting a user navigation input comprising a forward navigation input or a backward navigation input, the forward navigation input comprising a key press of a first alphanumeric character, the first alphanumeric character constituting a first group identifier, and the backward navigation input comprising a key press of a second alphanumeric character, the second alphanumeric character constituting a second group identifier;

if the detected user navigation input is the forward navigation input, shifting input focus to a next editable cell of the table; and

if the detected user navigation input is the backward navigation input, shifting input focus to a previous editable cell of the table.

5. (Original) The method of claim 4, further comprising:

switching the editable cell to the edit mode, if a switch-cell-mode key is pressed while an editable cell currently having input focus is not in an edit mode;

wherein user input modifies content of the editable cell, if the editable cell is in the edit mode.

6. (Original) The method of claim 5, further comprising:

switching the editable cell to a focus mode, in which the content of the editable cell cannot be modified, if a switch-cell-mode key is pressed while the editable cell currently having input focus is in the edit mode.

7. (Currently Amended) A computer program product tangibly

embodied in a computer-readable storage medium, comprising instructions operable to cause a data processing apparatus to:

group user interface elements of a user interface of a computer program application into groups based on a hierarchical arrangement of the user interface elements, the hierarchical arrangement allowing for sibling groups and parent groups;

detect a user navigation input comprising a sibling navigation input or a parent navigation input, the sibling navigation input comprising a key press of a first alphanumeric character, the first alphanumeric character constituting a first group identifier, and the parent navigation input comprising a key press of a second

alphanumeric character, the second alphanumeric character constituting a second group identifier;

if the detected navigation input is the sibling navigation input, shifting input focus to a next sibling group in the hierarchy; and

if the detected navigation input is the parent navigation input, shifting input focus to a parent group in the hierarchy.

8. (Previously Presented) The product of claim 7, further comprising instructions to:

create one or more hierarchical tab chains to contain all user interface elements currently displayed by the application,

wherein a node in a tab chain hierarchy is a container comprising one or more user interface elements and the container comprises a tab chain that contains all the user interface elements in the container.

9. (Previously Presented) The product of claim 8, wherein:

creating a new view for the application creates a view container with a hierarchical tab chain that contains all the user interface elements for the new view; and

the hierarchical tab chain for the new view is added to the existing tab chain by adding a new node for the new view container in the existing hierarchical tab chain.

10. (Currently Amended) A computer program product tangibly embodied in a computer-readable storage medium, for navigating editable cells of a table, the product comprising instructions operable to cause a data processing apparatus to:

detect a user navigation input comprising a forward navigation input or a backward navigation input, the forward navigation input comprising a key press of a first alphanumeric character, the first alphanumeric character constituting a first group identifier, and a backward navigation input comprising a key press of a second alphanumeric character, the second alphanumeric character constituting a second group identifier;

if the detected user navigation input is the forward navigation input, shifting input focus to a next editable cell of the table; and

if the detected user navigation input is the backward navigation input, shifting input focus to a previous editable cell of the table.

11. (Previously Presented) The computer program product of claim 10, further comprising instructions to:

switch the editable cell to the edit mode if a switch-cell-mode key is pressed while an editable cell currently having input focus is not in an edit mode;

wherein user input modifies content of the editable cell, if the editable cell is in the edit mode.

12. (Previously Presented) The computer program product of claim 11, further comprising instructions to:

switch the editable cell to a focus mode, in which the content of the editable cell cannot be modified, if a switch-cell-mode key is pressed while the editable cell currently having input focus is in the edit mode.

13. (Currently Amended) A system comprising:

means for grouping user interface elements of a user interface of a computer program application into groups based on a hierarchical arrangement of the user interface elements, the hierarchical arrangement allowing for sibling groups and parent groups;

means for detecting a user navigation input comprising a sibling navigation input or a parent navigation input, a sibling navigation input comprising a key press of a first alphanumeric character, the first alphanumeric character constituting a first group identifier, and a parent navigation input comprising a key press of a second alphanumeric character, the second alphanumeric character constituting a second group identifier;

if the detected navigation input is the sibling navigation input, shifting input focus to a next sibling group in the hierarchy; and

if the detected navigation input is the parent navigation input, shifting input focus to a parent group in the hierarchy.

14. (Previously Presented) The system of claim 13, further comprising:

means for creating one or more hierarchical tab chains to contain all user interface elements currently displayed by the application,

wherein a node in a tab chain hierarchy is a container comprising one or more user interface elements and the container comprises a tab chain that contains all the user interface elements in the container.

15. (Previously Presented) The system of claim 14, wherein:

creating a new view creates a view container with a hierarchical tab chain that contains all the user interface elements for the new view; and

the hierarchical tab chain for the new view is added to the existing tab chain by adding a new node for the new view container in the existing hierarchical tab chain.